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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Fritz Schneider

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EXAMINER

PHAM, LINH K

ART UNIT

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/823,050	<b>Applicant(s)</b> SCHNEIDER, FRITZ	
	<b>Examiner</b> LINH K. PHAM	<b>Art Unit</b> 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 4/28/2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. This communication is responsive to the Amendment filed on 4/28/2008.
2. Claims 1-45 are pending in this application. In the instant Amendment, claims 1, 6, 8, 16, 21, 23, 31, 36, and 38 have been amended; Claims 1, 16, and 31 are independent claims.

**This action is made Final.**

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

### ***Specification***

4. Applicant's amendment corrects the previous objections; therefore, the previous rejections are withdrawn.

### ***Claim Rejections - 35 USC § 103***

5. **Claims 1, 3-16, 18-31, and 33-45 are rejected under 35 U.S.C. 103(a)** as being unpatentable over Smethers (US 2003/0055870) in view of Hennings et al., ("Hennings", US 6,763,496).

**Regarding claim 1**, Smethers teaches a computer navigation system, comprising:  
one or more interactive links displayed on a display connected to a computer appliance  
(*para. 0068; Fig. 4, Book mark menu contain the links*); and  
one or more visual linktags associated with individual ones of the one or more interactive links (*Fig. 4; hyperlinks 412-472 is displayed on the window 400*) the one or more visual linktags displaying one or more numbers (*Fig. 4; the iconic numbers 404, 416, 532, and 448 are numbers 0-3, which are associated with individual of the interactive links 412-156 respectively*),

the system enabled to initiate an interactive link in the display upon user input of one of the numbers (*Fig. 4; short name "Keypad Menu" and the iconic symbol 404 will be interacted with browser or server to display information of the hyperlink 412*);

Smethers teaches all limitations as recited above, but does not explicitly disclose characters or symbols in a linktag, the one or more visual linktags displayed simultaneously with the one or more interactive links.

However, Hennings teaches a Method for promoting contextual information to display pages containing hyperlinks wherein characters or symbols in a linktag (*Fig. 2; the picture icons 102, 104, 106, and 108 are know as the symbols in a linktag*), the one or more visual linktags displayed simultaneously with the one or more interactive links (*col. 9, lines 38-65; Fig. 2, hyperlinks 120, 122, 124, 126 are display simultaneously with the interactive link 148*)

Therefore, it would have been obvious to an artisan at the time invention was made to combine the teachings of Hennings with the system of Smethers in other to provide users with a means for controlling access to files on the Web server, the Web server program running on the server machine may provide an extra layer of security above and beyond the normal file system and login security procedures of the operating system on the server machine (*col. 5, lines 26-30*).

**Regarding claim 3**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches the user input is by selecting a key on a keyboard communicating with the computer appliance (*para.0051; Fig. 1, keypad 108*), the key annotated with the letter, symbol or number in a linktag (*paras. 0066-0067; Fig. 4*).

**Regarding claim 4**, Smethers and Hennings teach the system of claim 1.

Hennings further teaches wherein the visual linktags are associated with interactive links by being displayed adjacent to the associated interactive link (*col. 9, lines 38-46; Fig. 2; links 110, 112, 114, and 116 are interact with URL 146; links 120, 122, 124, 126 are associated with interactive URL 148*).

**Regarding claim 5**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches association of linktags with links is one-to-one and unique, such that no two links have the same linktag (*paras. 0066-0067; Fig. 4 a user assign only one number is associated to only one link*).

**Regarding claim 6**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches display of linktags is initiated by predefined input and terminated by the predefined input (*para. 0052; a user wishing to access information server 124 from wireless client device 100 using a previously defined bookmark need only press and hold the assigned key*), such that keyboard and voice controlled navigation may be toggled on and off (*para. 0067; Fig.4; the keys 1-3 has been assigned by a user and obviously*).

**Regarding claim 7**, Smethers and Hennings teach the system of claim 6.

Smethers further teaches linktags, when toggled off, are saved and can be redisplayed without re-creation if toggled on again (*paras. 0067-0068; Figs. 4-5; a Bookmark menu contains hyperlink will be displayed by a user press and hold "0" key*).

**Regarding claim 8**, Smethers and Hennings teach the system of claim 1 wherein,

Hennings further teaches linktags are automatically assigned to the one or more interactive links in a display each time an interactive display is loaded on the computer appliance (*col. 15, lines 66-67 to col. 16, lines 1-22; Fig. 7; col. 16, lines 38-65; col. 17, lines 14-65; Figs. 9A-9C*).

**Regarding claim 9**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches functionality for display and use of linktags is provided through an operating system executed by the computer appliance (*paras. 0020-0021*).

**Regarding claim 10**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches functionality for display and use of linktags is provided through a web browser application (*paras. 008-009; paras. 0066-0067; Fig. 4; an iconic symbol 404 representing a "0" key shows that this key has been previously assigned to a location having a specific URL 412; para. 0069-0078; Figs. 6-8*).

**Regarding claim 11**, Smethers and Hennings teach the system of claim 10.

Smethers further teaches functionality for display and use of linktags is added to an existing web browser application through a plug-in (*paras. 0066-0068; Figs. 4-5; a user can add more linktags; which will assign to another links; paras. 0069; Fig. 6; a request will be generated and forwarded by the proxy server device to the information server identified by the URL at block 628*).

**Regarding claim 12**, Smethers and Hennings teach the system of claim 1.

Hennings further teaches functionality for display or use of linktags is provided through javascript code (*col. 3, lines 6-30; col. 8, lines 14-31; col. 5, lines 63-67 to col. 6, lines 1-44; col. 16, lines 66-67 to col. 17, lines 1-13; Fig. 9*).

**Regarding claim 13**, Smethers and Hennings teach the system of claim 12.

Hennings further teaches HTML layering is used in combination with javascript to provide linktags (*col. 10, lines 17-67 to col. 11, lines 1-55; Figs. 3A-3C; col. 16, lines 66-67 to col. 17, lines 1-13; Figs. 9A-9B*).

**Regarding claim 14**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches the interactive links displayed, when initiated, launch applications to be executed on the computer appliance (*para. 0021; para. 0068; Fig. 5; the proxy server device retrieves the bookmark associated with the "0" key and forwards a request for the page identified by the retrieved UR L; paras. 0069-0074; Figs. 6-7; para. 0080*).

**Regarding claim 15**, Smethers and Hennings teach the system of claim 1.

Smethers further teaches the interactive links displayed, when initiated, initiate navigation to a destination defined in a universal resource locator (*paras. 0009-0012; para. 00069; Fig. 6; the proxy server device will use the compact bookmark identifier to retrieve the associated URL with the bookmark at block 624; para. 0077; Fig. 8*).

**Claims 16 and 18-30** are similar in scope to claims 1 and 3-15 respectively, and are therefore rejected under similar rationale.

**Claims 31 and 33-45** are similar in scope to claims 1 and 3-15 respectively, and are therefore rejected under similar rationale.

6. **Claims 2, 17, and 32 are rejected under 35 U.S.C. 103(a)** as being unpatentable over Smethers in view of Hennings, and further in view of Hirayama (US 2002/0035613).

**Regarding claim 2**, Smethers and Hennings teach the system of claim 1, but do not explicitly disclose the user input is vocal.

However, Hirayama teaches an information communication terminal and method of sorting registered information in the terminal wherein the user input is vocal (*paras. 0069 0073; Fig. 2, microphone 15 and speaker 16 are known as the user input by voice*).

Therefore, it would have been obvious to an artisan at the time invention was made to combine the teaching of Hirayama with the system of Smethers and Hennings in order to provide users with means for displaying the contents of the file and the contents of another file that are accessible by means of hyperlink information described in the file and identification of the other file and URL information included in the hyperlink information as access information to the other file (*para. 0021*).

**Claims 17 and 32** are individually similar in scope to claim 2, and are therefore rejected under similar rationale.

### ***Response to Arguments***

7. Applicant's arguments with respect to claims 1, 6, 8, 16, 21, 23, 28, 31, 36, 38, and 43, have been considered but are moot in view of the new ground(s) of rejection.



***Conclusion***

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Inquiries***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh K. Pham whose telephone number is (571) 270-3230. The examiner can normally be reached on Monday to Thursday from 7:30AM to 5:00PM (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2174

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SY D. LUU/

Primary Examiner, Art Unit 2174

July 7, 2008

/Linh K Pham/

Examiner, Art Unit 2174